Sheet 1 of 5

Form PTO-1449 US Dept. of Commerce (REV. 8-83) PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 102464.05			Rule 53(b) Divisional of Application No. 10/364,416				
INFORMATION DISCLOSURE STATEMENT									
(Use several sheets if necessary)			APPLICA Yasushi (	ANT(S) OKABE, Shougo SATO at	nd Tsutomu SUZUI	KI			
			FILING I Decembe	DATE r 12, 2003	GRO	GROUP			
	U.	S. PATI	ENT DOCL	MENTS		<del></del>	<del></del>		
EXAMINER INITIAL	DOCUMENT NUMBER		DATE	NAM	E	CLASS	SUB CLASS		
SC	5,160,964	11/0	03/92	TAKAHASHI et al.		399	113		
SC	5,845,176	12/0	01/98	YOSHIDA et al.		399	113		
SC	5,805,959	09/0	08/98	HAZAMA et al.		399	111		
SC	5,740,491	04/	14/98	IMAI		399	25		
80	5,028,966	07/0	02/91	KOZUKA et al.		399	113		
8C	4,563,074	01/0	07/86	TSUTSUI et al.		399	119		
SC	4,806,977	02/2	21/89	MIZUTANI et al.		399	111		
SC	5,111,244	05/0	05/92	KOYAMA et al.		399	111		
SC	5,406,355	04/	11/95	KOMURO et al.		399	111		
SC	5,745,824	04/2	28/98	YASHIRO		399	113		
&C	5,893,006	04/0	06/99	KANNO et al.		399	13		
SC	5,920,752	07/0	06/99 KARAKAMA cı al.			399	111		
SC	5,371,575	12/0	06/94	SEKINO et al.		399	113(X)		
K	5,450,159	09/	12/95	CHOI et al.		399	113		
8C	5,842,091	11/2	24/98	NAKANO		399	111(X)		
SC	5,953,561	09/	14/99	TASHIRO et al.		399	111		
SC	6,101,350	08/0	08/00	SUZUKI et al.		399	113		
&C	4,924,267	05/	1990	YOSHIKAWA ct al.		399	112		
St.	5,227,843	07/1	1993	YAMAMOTO et al.		399	111		
8	6,141,519	10/2	2000	SATO		399	111(X)		
EXAMINER	Sophia 5. Che	n_		-	DATE CONSID	ERED 3/	31/04		
Examiner: In	nitial if citation considered, whether or not onformance and not considered. Include copy	citation of this	is in con form with	formance with M.P.E.P. next communication to a	609; draw line th	rough citat	ion if not in		

Sheet	2	of	5
		••	-

Form PTO-1449 (REV. 8-83)	US Dept. of PATENT & TRADEMAR		ATTY DO	OCKET NO.	Rule 53(b) Divisional of Application No. 10/364,416				
`	MATION DISCLOSURE STATEME	ĺ							
	(Use several sheets if necessary)	l	ADDI IC	APPLICANT(S)					
		!		OKABE, Shougo SATO and Tsutomu	u SUZUKI				
			FILING I	DATE r 12, 2003	GROUP				
	U.S. PAT				<u></u>				
EXAMINER							SUB		
INITIAL	DOCUMENT NUMBE		DATE	NAME		CLASS	CLASS		
&C	5,537,187	07/9	96	Sekine		399	113		
80	6,456,810 B1	09/7	24/02	Deguchi et al.		399	254		
SC	2002/0028086 A1	03/0	07/02	Sato et al.		399	103		
86	2002/0090226 A1	07/	11/02	Sato et al.		399	103		
SC	2002/0025187 A1	02/	28/02	Sato et al		399	111		
21	D422,304	04/	04/2000	Suzuki et al.		D18	43		
8C	D423,559	04/:	25/2000	Suzuki et al.		D18	40		
81	D442,216 S	05/	15/2001	Kimura et al.		D18	43		
21	D447,511 S	09/0	04/2001	Kimura et al.		D18	40 .		
86	6,101,350	08/0	08/2000	Suzuki et al.		399	113		
K	6,041,203	03/7	21/2000	Suzuki et al.		399	111		
86	6,330,410 B1	12/	11/2001	Okabe et al.		399	113		
86	6,219,505 BI	04/	17/2001	Sato et al.		399	98		
21	6,195,522 BI	02/.	27/2001 Sato			399	284		
80	6,321,050 BI	117.	20/2001	Sato et al.		399	103		
186	6,304,735 B1	10/	16/2001	Nishimura et al.			98		
81	6,337,956 B1	01//	08/2002	08/2002 Sato et al.		399	27		
1	6,336,014 BI	01/1	01/2002	Sato et al.		399	103		
SC	6,356,723 BI	03/	12/2002	Sato et al.		399	103		
W	6,385,414 B1	05/1	07/2002	Sato et al.		399	98 .		
80	6,411,789 B1	067.	25/2002	Okabe et al.		399	113		
EXAMINER	Sophia S. Ch	ien		DATE C	ONSIDE	ERED 3/	31/04		
	itial if citation considered, whether	or not citation			line th	rough citati	ion if not in		

Sheet	3	of	5	

Form PTO-1449 (REV. 8-83)			ATTY DOCKET NO. 102464.05		Rule.53(b) Divisional of Application No. 10/364,416		
INFORM	IATION DISCLOSURE STATEMENT						
(	Use several sheets if necessary)		APPLICANT(S) Yasushi OKABE, Shougo SATO and Tsutomu SUZUKI				
			NG DATE mber 12, 2003	G	ROUP		
	FOREIGN	PATENT I	OCUMENTS		1 -		
	DOCUMENT NUMBER	DAT	E COUN	NTRY	CLASS	SUB CLASS	
8C	0 437 097 A2	07/17/91	Europe				
&C	EP-A2-0 530 491	03/10/93	Europe				
80	EP-A1-0 810 490	12/03/97	Europe				
80	JP-A-9-43921 (w/English abstract)	02/14/97	Japan				
80	JP-A-7-175399 (w/English abstract)	07/14/95	Japan				
&C_	JP-A-9-244484	09/19/97	Japan				
86	JP-A-8-54786	02/27/96	Japan				
80	JP-A-9-319285	12/12/97	Japan				
80	JP-A-5-216304 (w/English abstract)	08/27/93	Japan				
8	JP-B2-6-95234	11/24/94	Japan				
86.	JP-A-63-273878 (w/English abstract)	11/10/88	Japan				
80	JP-A-6-175425 (w/English abstract)	06/24/94	Japan				
&C	JP-A-6-186798 (w/English abstract)	07/08/94	Japan			<del></del>	
K	EP-A2-0 866 387	09/23/98	Europe				
86	EP-A2-0 501 497	09/02/92	Europe				
80	JP-A-7 234552 (w/English abstract)	09/05/95	Japan				
SC	JP-A-5-35005 (w/English abstract)	02/12/93	Japan				
80	JP-07-311535	11/1995	Japan				
EXAMINER 5	ophia S. Chen	۰		DATE CONS	<u> </u>	/31/04	
Examiner: Initia	If citation considered, whether or not citation formance and not considered. Include copy of the	on is in co	onformance with M.P.E.I	P. 609; draw line applicant.	through cita	tion if not in	

December 12, 2003

Sheet	4	of	5	

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DO 102464.05	CKET NO.		Rule 53(b) Divisional of Application No. 10/364,416		
INFORMATION DISCLOSURE STATEMENT									
(Use several sheets if necessary)			APPLICAN Yasushi Ol	NT(S) KABE, Shougo SATO a	and Tsutomu	SU	ZUKI ,		
			FILING DATE GR December 12, 2003			ROUP			
FOREIGN PA				ENT DOCU	MENTS				
		DOCUMENT NUMBER		DATE	COUNTE	RY		CLASS	SUB CLASS
8C		JP-A-9-311610 (w/English abstract)	12	/1997	Japan				
SC		JP-A-3-41476	2/1	1991	Japan				
86		JP-A-8-227238 (w/English Abstract)	9/1	1996	Japan				
SC		JP-A-8-194428 (w/English Abstract)	7/1	996	Japan				
80		JP-A-9-212063 (w/English Abstract)	8/1	997	Japan				
186		JP-7-69473 (w/English Abstract)	3/1	995	Japan				
M		JP-A-11-79474 (w/English Abstract)	3/1	999	Japan				
SC		JP-U-2-67364	5/1	990	Japan				
M.		JP-A-7-84500 (w/English Abstract)	3/1	995	Japan				
8		JP-A-6-332345 (w/English Abstract)	12/	/1994	Japan				
X		JP-A-11-84796 (w/English Abstract)	3/1	999	Japan				
8		JP-A-7-271274 (w/English Abstract)	10/	1995	Japan				
8		JP-U-64-17539	1/1	989	Japan				
80		JP-A-2-281268 (w/English Abstract)	11/	1990	Japan				
SC		JP-A-62-16953 (w/English Abstract)	1/1	987	Japan				
SC		JP 06-250450	09/	1994	Japan				
EXAMINER .	50	ohia S. Chen				DATE CO	NSI	DERED 3	31/04
Examiner: In	itial if nform	citation considered, whether or not citatic	on is	in conform	nance with M.P.E.P. 6 t communication to app	09; draw lii licant.	ne t	hrough éita	tion if not in

Sheet	5	of	5	

Form PTO-1449 (REV. 8-83)	US Dept. of Commerc PATENT & TRADEMARK OFFICE	e E	ATTY DO 102464.0	OCKET NO. 5	Application No. 10/364,416				
INFORMATION DISCLOSURE STATEMENT		ŀ							
	(Use several sheets if necessary)		APPLICANT(S) Yasushi OKABE, Shougo SATO and Tsutomu SUZUKI						
			FILING D	PATE r 12, 2003	GRO	UP			
<u> </u>	U.S.	PATE	NT DOCU	MENTS					
EXAMINER INITIAL	DOCUMENT NUMBER		ATE	NAME		CLASS	SUB CLASS		
80	5,418,606	05/19	995	Kikuchi et al.		399	381		
BC	5,585,889	12/19	996	Shishido et al.		399	113		
3	6,011,935	01/20	000	Matsuzaka et al.	· 	399	12		
8C	4,657,372	04/19	987	Ikeda et al.		399	13		
30	4,887,133	12/19	989	Ikeda et al.		399	124		
	FOREIC	GN PAT	TENT DO	CUMENTS		<del></del> -			
	DOCUMENT NUMBER		DATE COUNTRY			CLASS	SUB CLASS		
		ļ		- /-			·		
	OTHER DOCUMENTS (Inc	cluding	Author, T	itle, Date, Pertinent Pages, etc.)					
-							· · · · · · · · · · · · · · · · · · ·		
			· · · · · ·	·			<del></del>		
,				<del></del>		·			
							<del> </del>		
EXAMINER	<u> </u>		-	DATEC	ONSIDI	ERED -/	. / 2 /		
LAAMINEK	Sophia S. Chen			DATEC	~J	3/3	1104		
Examiner: In	itial if citation considered, whether or not ci	itation of this f	is in conf form with 1	ormance with M.P.E.P. 609; drawnext communication to applicant.	line th	rough citati	on if not in		